

**Agenda for Week of: March 21, 2011      Classroom Character Theme: \_\_\_\_\_**

**Guiding Questions:**

- 1) How does your light switch turn on the lights?
- 2) How can we connect wires to the same equipment and get different results?



Date	Learning Goal	Vocabulary	Homework
Mon, 3/21 (2 <sup>nd</sup> period only)	Use Ohm's Law to solve word problems	Ohm's Law (formula)	(1) Worksheet #1-6 (2) <b>Vocabulary</b> list due <b>Thursday</b> <i>This means the <u>14</u> items on this agenda.</i>
Tues, 3/22	Discover how to build two types of circuits	-Electrical circuit -Schematic diagram -The names and symbols of the <b>FIVE</b> components of electrical circuits listed on p. 602 -open circuit -closed circuit -Series circuit -Parallel circuit	(1) read Chapter 17 Section 3 (pp. 600-607) and answer #1-7 using complete sentences.  (2) <b>Vocabulary</b> list due <b>Thursday</b>
Wed, 3/23	<b>Electrical Circuits Lab!</b> Use Ohm's law to make predictions about real circuits and measure voltage, current, or resistance to test those predictions.		(1) Finish the lab questions (#1-5 & "Extension" using complete sentences. [Note: this is worth ~5 times the normal homework assignments]  (2) <b>Vocabulary</b> list due <b>Thursday</b>
Thurs, 3/24	Calculate electric power & REVIEW for test	Fuse Circuit breaker	(1) Review sheet due <b>FRIDAY</b>
Fri, 3/25	Electricity TEST		Enjoy the weather!

**REMINDERS**

- 1) Check your grade using the new online system for the class: **www.Engrade.com/student** and use the username and password you chose during class. **Tell your parents that they can register, too!**
- 2) **Be prepared:** Bring your binder and calculator every day.
- 3) Stay for **tutoring** on Mon and Thurs from 2:45 – 3:30pm.

<b>Empower3000 Articles for the 3<sup>rd</sup> Marking Period:</b> <ol style="list-style-type: none"> <li>1) Pedaling for Power</li> <li>2) Drilling for Energy</li> <li>3) The White House Catches Some Rays</li> <li>4) Watch this! TVs Are Changing</li> <li>5) These New TVs Will Grab You</li> </ol>	<b>HOW? Follow these five steps</b> after login into <a href="http://www.empower3000.com">www.empower3000.com</a> <ol style="list-style-type: none"> <li>1) <del>Reply to the email</del></li> <li>2) Read the article</li> <li>3) Complete the "Activity"</li> <li>4) Answer the "Thought Question" using complete sentences</li> <li>5) Vote on the "Poll"</li> </ol>
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*Rise to the challenge!*